

Larry Hogan, *Governor*  
Boyd K. Rutherford, *Lt. Governor*



Pete K. Rahn, *Secretary*  
Gregory C. Johnson, P.E., *Administrator*

October 14, 2015

Plastic Safety Systems, Inc.  
2444 Baldwin Road  
Cleveland Ohio 44104

Dear Mr. McKee:

The Maryland State Highway Administration's (SHA) District 6 Office in Western Maryland was asked to use temporary portable transverse rumble strips in a traffic control work zone for a trial of the product.

The District Construction and Traffic offices selected a paving job on MD 51, a high speed two-lane secondary roadway, where there would be daily traffic flagging operations for pipe replacement, patching, and paving operations. The road was chosen as it was high speed (prevailing speeds 60+ MPH) with numerous horizontal and vertical curves that limited sight distance in many locations.

The RoadQuake2 transverse rumble strips were set-up with the associated signage daily. The SHA construction inspection staff as well as the contractor both indicated that they were extremely pleased with the results of the RoadQuake 2 transverse rumble strips.

- Motorists, who sometimes tend to ignore signage alone, hit the rumble strips and would immediately slow down as they were approaching the flagging station.
- A secondary benefit was that the flagger could also hear when vehicles were approaching as they hit the rumble strips.
- The rumble strips had negligible movement throughout the entire day of traffic running over them.

Improvements continue to be made for the deployment and retrieval of the rumble strips as they can be heavy for some folks setting up the work zone traffic control devices.

After this trial, the SHA District 6 office was completely satisfied with the application of RoadQuake 2 transverse rumble strips and planned to use them again in the correct applications.

A similar application came up in the following months as a paving job was being completed on another high speed secondary road, MD 135, on a mountainside where fog is prone to come and go quickly. SHA did not want to shut down the work every time the fog came, but also had to protect the workers and the

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traveling public. SHA instructed the contractor to rent the RoadQuake 2 transverse rumble strips in order to provide that extra safety feature for all involved. They are again working as desired.

I am writing this letter as a testimony of satisfaction and to say that I will use the RoadQuake 2 transverse rumble strips again in the future and will also recommend their use to others in the road construction industry based on engineering judgment for the proper locations/scenarios.

Sincerely,



Stephen A. Bucy, P. E.  
Assistant District Engineer, Construction  
District 6